PRINCIPAL DIMEMSIONS

LENGTH OVER ALL	370'-7¼"
LENGTH BETWEEN PERPENDICULARS	355'-0"
PROJECTION FORWARD OF F.P.	11'-7¼"
PROJECTION AFT OF A.P.	4'-0"
LENGTH ON STRAIGHT KEEL	225'-6"
BREADTH MOULDED	33'-2¾"
BREADTH EXTREME	33'-3½"
DRAFT-SURFACEE CONDITION TO UNDER SIDE OF KEEL PLATES	17'-0"

HEIGHTS

LOWEST POINT OF KEEL TO TOP OF STRENGTH HULL AMIDSHIPS ON CENTER LINE.	22'-11"
LOWEST POINT OF KEEL TO TOP OF BRIDGE DK.	- FORD. 34'-1¼" AFT. 35'-9"
LOWEST POINT OF KEEL TO TOP OF CONNING TOWER PLATING AMIDSHIPS ON CENTERLINE.	32'-11¼"
LOWEST-POINT OF KEEL TO TOP OF PERISCOPE FAIRWATER NO. 2 AND 3 POSITIONS.	42'-1¼"
LOWEST-POINT OF KEEL TO TOP OF HIGHEST PERISCOPE EXTENDED. (OPTICAL CENTER)	70'-9"

COMPLEMENT

COMMANDING OFFICER	1
EXECUTIVE OFFICER	1
WARDROOM OFFICERS	6
TOTAL-OFFICERS	8
SEAMAN BRANCH	24
ARTIFICER BRANCH	15
ENGINE ROOM FORCE	30
SPECIAL BRANCH	3
COMMISSARY BRANCH	3
MESSMAN BRANCH	5
TOTAL-CREW	80

MAIN BALLAST TANKS

COMPARTMENT	TANK	CU. FT.	GALLONS	TONS S.W.	TONS OIL	CORR. FOR LEAD BALLAST TONS S.W.	95% CAP. FUEL OIL CORR. FOR LEAD BALLAST TONS
A-4W	1A	2380.00	17804	68.00			
A-6W	1B	970.90	7264	27.74			
A-5W	1C	970.90	7264	27.74			
★ A-7W	2A	1071.70	8017	30.62		1.09	
★ A-8W	2B	1071.70	8017	30.62		1.07	
★ A-9W	2C	1048.95	7847	29.97		0.61	
★ A-10W	2D	1048.95	7847	29.97		0.57	
A-11W	2E-F.B.T.	1153.25	8627	32.95	26.10	0.57	25.64
A-12W	2F-F.B.T.	1153.25	8627	32.95	26.10	0.57	25.64
C-3W	3A-FBT	1461.60	10934	41.76	33.08	1.23	32.11
C-2W	3B-FBT	1461.60	10934	41.76	33.08	1.07	32.24
C-17W	4A-FBT	1438.15	10758	41.09	32.55	1.58	31.30
C-16W	4B-FBT	1438.15	10758	41.09	32.55	1.60	31.27
★ C-19W	4C	1166.20	8724	33.32		1.12	
★ C-18W	4D	1166.20	8724	33.32		0.98	
C-21W	5A-FBT	1226.75	9177	35.05	27.76	0.93	27.03
C-20W	5B-FBT	1226.75	9177	35.05	27.76	0.93	27.03
C-23W	5C-FBT	1369.55	10245	39.13	31.00	0.16	30.87
C-22W	5D-FBT	1369.55	10245	39.13	31.00	0.19	30.84
C-27W	6A	977.90	7315	27.94		0.92	
C-26W	6B	977.90	7315	27.94		0.92	
D-1W	6C	1280.00	9575	36.57		0.69	
D-2W	6D	1280.00	9575	36.57		0.69	
D-3W	7	1632.05	12209	46.63			
SAFETY	8A	653.10	4886	18.66			
SAFETY	8B	653.10	4886	18.66			
TOTALS			236751	904.23	300.98	16.92	293.97

GASOLINE TANKS

COMPARTMENT	TANK	CU. FT.	GALLONS	TONS S.W.	TONS GAS	CORR. FOR LEAD BALLAST TANK S.W.	
C4 GAS	1	1292.00	9660	36.91	26.41	1.35	
C5 GAS	2	1292.00	9660	36.91	26.41	1.35	
TOTALS			19320	73.82	52.82	2.70	

VARIABLE BALLAST TANKS

COMPARTMENT	TANK	CU. FT.	GALLONS	TONS S.W.	TONS F.W.
A-901-W	WRT	219.80	1646	6.28	
A-903-W	F.T.	539.35	4032	15.41	
A-905-W	T.C.	430.85	3224	12.31	
C-9-W	AUX. #1	767.90	5745	21.94	
C-8-W	AUX. #2	767.90	5745	21.94	
C-13-W	AUX. #3	575.05	4301	16.43	
C-12-W	AUX. #4	575.05	4301	16.43	
C-909-W	AUX. #5	704.90	5274	20.14	
C-910-W	AUX. #6	704.90	5274	20.14	
D-901-W	A.T.	723.10	5408	20.66	
D-902-W	T.C.	253.05	1893	7.23	
D-903-W	W.R.T.	96.95	726	2.77	
NEG. BUOY.	TANK	398.30	2978	11.37	
TOTALS			50547	193.05	

SANITARY TANKS

COMPARTMENT	TANK	CU. FT.	GALLONS	TONS S.W.	TONS F.W.
A-902-W	SAN.	104.30	780	2.97	
A-904-W	SAN.	61.95	464	1.77	
C-901-W	SAN.	52.00	389	1.49	
C-924-W	SAN.	46.90	352	1.34	
TOTALS			1985	7.57	

FRESH WATER TANKS

COMPARTMENT	TANK	CU. FT.	GALLONS	TONS S.W.	TONS F.W.
A-402-W	F.W.	592.20	4430		16.45
A-906-W	F.W.	324.72	2430		9.02
BATT. FWD. (6)	F.W.	136.44	1020		3.79
BATT. AFT. (6)	F.W.	136.44	1020		3.79
TOTALS			8900		33.05

BUOYANCY TANKS

COMPARTMENT	TANK	CU. FT.	GALLONS	TONS S.W.	TONS F.W.
BOW-A-1W	1	1240	9276		35.43
BOW-A-203W	2	1880	14063		53.71
TOTALS			23339		89.14

FUEL OIL TANKS

COMPARTMENT	TANK	CU. FT.	GALLONS	TONS S.W	TONS OIL
C-904-F	1	619	4630	17.69	14.75
C-905-F	2	619	4630	17.69	14.75
C-903-F	3	319	2390	9.13	7.61
C-902-F	4	283	2120	8.10	6.75
C-912-F	5	361	2700	10.31	8.60
C-911-F	6	361	2700	10.31	8.60
C-915-F	7	390	2920	11.15	9.30
C-916-F	8	390	2920	11.15	9.30
C-918-F	9	461	3450	13.18	10.99
C-919-F	10	461	3450	13.18	10.99
C-921-F	11	592	4430	16.92	14.11
C-922-F	12	592	4430	16.92	14.11
C-24-F	13	441	3300	12.61	10.51
C-25-F	14	441	3300	12.61	10.51
TOTALS			47370	180.95	150.88

CLEAN FUEL OIL TANKS 95% CAP.

COMPARTMENT	TANK	CU. FT.	GALLONS	TONS S.W	TONS OIL
C-907-F	C.F.O.	52	390	1.49	1.24
C-914-F	C.F.O.	197	1470	5.61	4.68
TOTALS			1860	7.10	5.92

LUB. OIL TANKS 95% CAPACITY

COMPARTMENT	TANK	CU. FT.	GALLONS	TONS S.W	TONS OIL
C-906-F	1	52.14	390		1.34
C-913-F	2	196.54	1470		5.05
C-917-F	3	99.74	746		2.56
C-923-F	4	180.09	1347		4.63
C-925-F	5	115.65	865		2.97
C-926-F	6	104.15	779		2.68
TOTALS			5597		19.23

PROP. THRUST. BEAR. L. O. SUMPS

COMPARTMENT	TANK	CU. FT.	GALLONS	TONS S.W	TONS OIL
D-401-F	1	21.26	159		0.55
D-402-F	2	21.26	159		0.55
TOTALS			318		1.10

RESERVE LUB. OIL TANKS 95% CAP.

COMPARTMENT	TANK	CU. FT.	GALLONS	TONS. F.O.
C-11-F	1	358.18	2680	9.21
C-10-F	2	358.18	2680	9.21
C-15-F	3	268.07	2005	6.89
C-14-F	4	268.07	2005	6.89
TOTALS			9370	32.20

LUB. OIL SUMPS 75% CAP.

COMPARTMENT	TANK	CU. FT.	GALLONS	TONS. F.O.
C-927-F	MN ENG #1	77.68	581	1.99
C-928-F	MN ENG #2	77.68	581	1.99
C-929-F	MN ENG #3	84.36	631	2.17
C-930-F	MN. ENG. #4	84.36	631	2.17
C-931-F	RED. GEAR #5	58.83	439	1.51
C-932-F	RED. GEAR #6	51.34	384	1.32
TOTALS			3247	11.15

★ TANKS COMPENSATED FOR AIR FLASKS.

HOSE CONNECTIONS (WATER)

NAME	LOCATION	NO	SIZE	NAME	LOCATION	NO	SIZE
FIRE & WASH DK. HOSE	FORD. TORP. RM.	1	1½"	FIRE & WASH DK. HOSE	AFT TORP. RM.	1	1½"
FIRE & WASH DK. HOSE	FORD. CREWS SPACE	1	1½"	FIRE & WASH DK. HOSE	AFT CREWS SPACE	1	1½"
FIRE & WASH DK. HOSE	OFFICERS QUARTERS	1	1½"	FIRE & WASH DK. HOSE	DECK - FORD.	1	1½"
FIRE & WASH DK. HOSE	CONTROL ROOM	1	1½"	FIRE & WASH DK. HOSE	DECK - AMID.	1	1½"
FIRE & WASH DK. HOSE	C.P.O. QTS. & CREWS MESS	1	1½"	FIRE & WASH DK. HOSE	DECK - AFT.	1	1½"
FIRE & WASH DK. HOSE	ENGINE RM.	1	1½"				

HOSE CONNECTIONS (AIR)

NAME	LOCATION	NO	SIZE
MAIN BALLAST TANK AIR SALVAGE	CONNING TOWER FAIRWATER - STBD. SIDE	1	2½"
COMPARTMENT AIR SUPPLY SYSTEM	CONNING TOWER FAIRWATER - AFT.	1	2½"
COMPARTMEMT AIR SALVAGE	FORWARD TORPEDO ROOM	2	1¼" I.P.S.
COMPARTMENT AIR SALVAGE	WINDLASS ROOM	1	1¼" I.P.S.
COMPARTMENT AIR SALVAGE	CREWS SPACE - FORWARD	2	1¼" I.P.S.
COMPARTMENT AIR SALVAGE	OFFICERS QUARTERS	2	1¼" I.P.S.
COMPARTMENT AIR SALVAGE	CONTROL ROOM	2	1¼" I.P.S.
COMPARTMENT AIR SALVAGE	CONNING TOWER	1	1¼" I.P.S
COMPARTMENT AIR SALVAGE	C.P.O. QUARTERS AND CREWS MESS	2	1¼" I.P.S.
COMPARTMENT AIR SALVAGE	ENGINE ROOM	2	1¼" I.P.S.
COMPARTMENT AIR SALVAGE	MANEUVERING ROOM AND CREWS SPACE	2	1¼" I.P.S.
COMPARTMENT AIR SALVAGE	AFTER TORPEDO ROOM	2	1¼" I.P.S.

SS167/S1-3
SS168/S1-3
318023 5/46

Tag #17

C & R Nº 159886

U.S.S. SS168
TANK CAPACITIES AND
GENERAL DATA

SHEET NO. 2

SS168/S1-7